OFFICE OF THE SECRETARY, STORES PURCHASE COMMITTEE, BANGALORE.

Notice No. S. P. C. 7505, dated 14th October 1933.

Enquiry No. 573.

Sealed tenders will be received by the Secretary, Stores Purchase Committee, for the supply of Iron and Steel Materials required for the extension of Mysore Railway Central Workshops during the year 1933-34 up to 12 noon on Monday the 20th November 1933.

Intending tenderers may, on application to the Secretary, Stores Purchase Committee, obtain the requisite tender forms on which tenders should be submitted. Application should be accompanied by a cash remittance of Rs. 3 which is the price fixed for a set of forms and which is not refundable.

Cheques and postage stamps will not be accepted towards the cost of forms.

No. S. P. C. 8206-7, dated 19th October 1933.

Tenders are being invited by the Stores Purchase Committee, Government of Mysore, for one Six Ton Wagon handling Jib Crane through Messrs. Rendel, Palmer & Tritton, 55, Broadway, Westminster, London. The tenders are returnable on the 10th January 1934.

Firms interested in this enquiry are advised to obtain detailed specifications and drawings, etc., from Messrs. Rendel, Palmer and Tritton, 55, Broadway, Westminster, London.

Notice No. S. P. C. 8246-47, dated 19th October 1933.

Enquiry No. 591.

Sealed tenders will be received by the Secretary, Stores Purchase Committee, for the supply of one 500 K. W. Frequency Changer Set, etc., required for the Electrical Department.

Intending tenderers, may, on application to the Secretary, Stores Purchase Committee, obtain copy of the enquiry together with detailed specifications for the materials required.

The last date for receipt of tenders is the 11th January 1934.

By Order,
M. S. RAMCHENDRA RAO,
Secretary,
Stores Purchase Committee.

No. S. P. C. 8178-87, dated 21st October 1933.

To

The Firms dealing in Spring Balances.

Enquiry No. 593.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the form printed overleaf.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellation of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be supercribed "Quotations for Salter's Spring Balance."

This enquiry will be closed on the 4th November 1933.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted F.O.R.	Time of delivery
1	Dial shaped Salter's Spring Balances to weigh 200 lbs.	Six	Bangalore	

No. S. P. C. 8323-42, *dated* 17*th October* 1933.

To

The Firms dealing in Train Beltings.

Enquiry No. 588.

SUBJECT :—TRAIN LIGHTING BELTINGS.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule, in the form printed overleaf.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellation of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed " Quotations for Beltings required for the Mysore Railways during 1933-34 " and sent to the undersigned.

This enquiry will be closed on the 27th October 1933.

Schedule.

Item No.	Description of material offered	Quantity.	Price quoted F. O. R. To	Time of delivery
1	Train Lighting Belting wire stitched of 1½" x 4 ply.	50 Rft.	Mysore.	
2	Do of 2½" x 4 ply,	150		
3	Do of 3" x 4 ply,	60		
4	Do of 4" x 4 ply,	50		
5	Do of 5" x 6 ply.	50		

N.B.—The quantities given above are only approximate and not guaranteed. The contract will be deemed to be limited to the quantities to be actually drawn which will be done only as and when required.

Samples of materials tendered for should be submitted to the undersigned in two sets free of all costs. Quotations without samples will not be considered.

Quotations should specify rates per unit which should hold for a period of one year from the date the contract is let.

No. S. P. C. 8386-8400, *dated* 21*st October* 1933.

To

Firms dealing in Cutting Machines.

GENTLEMEN,

Enquiry No. 595.

Pipe Cutting Machine.

Please be good enough to let us have your best price, delivered c. i. f. Madras and f. o. r. Bangalore for the following equipment.

One Pipe Cutting Machine, with two handle driving arrangement suitable for cutting both cast iron and steel pipes in three different stages of 6" to 12", 12" to 18" and 18" to 24". The machine should be complete with cutter heads both for steel pipe and cast iron pipes which should be capable of being used interchangeably with the machine.

Information as to the manufacturer's name should be furnished with the tender, along with illustrated catalogues.

Detailed specifications of the machine offered should also be furnished in the tender.

No. S. P. C. 8459-8468, dated 23rd October 1933.

To

The Firms dealing in Reservoir Gates.

Enquiry No. 597.

Reservoir Gates required for the Sri Chamarajendra Reservoir at Thippagondanahalli.

GENTLEMEN,

I write to inform you that we will be requiring very shortly 4 or 5 Reservoir Sluice Gates of 20' x 10' conforming to the attached specifications. We shall be glad to have your best price delivered f.o.b., British or Continental Port. c.i.f., Madras and f.o.r., Bangalore, for the Reservoir Gates suitable for working heads of 60 ft. and 70 ft. alternatively.

It is essential that the frame work of the gates should be delivered at this end by the middle of January 1934, and the shutters by the middle of April 1934.

As we want the materials very urgently, I would request you to be so goood as to forward this enquiry to your works by Air Mail and furnish us with your telegraphic quotations so as to reach us not later than the 15th November 1933.

Complete details of gates offered by you with detailed drawings thereof should accompany the quotation.

SPECIFICATIONS OF SLUICE GATES REQUIRED FOR THE SRI CHAMARAJENDRA RESERVOIR AT THIPPAGONDANAHALLI.

The sluices to be of the "Stoney" type.

Number of sluices to be quoted for		4 or 5 gates
Clear width of opening	...	... 10'—0"
Clear depth of opening	...	... 20'—0"
Maximum height of lift of gates	...	... 27'—3"
Maximum head of water above cill		... 60' alternatively 70'

All parts should be suitably designed to take the strains that come on them.

2. The sluices to be capable of withstanding and operating against the above maximum upstream head above cill level with no water downstream.

3. The gate to consist of mild steel vertical skin plates supported by horizontal rolled steel joists.

4. The horizontal members to be securely framed to mild steel vertical end beams having machined pathways for the rollers to work against.

5. Diagonal bracings to be used to keep the whole gate frame rigid.

6. The skin plate projecting below the lowest cross girder to be stiffened by means of a shoe plate to be horizontal at bottom for increasing the bearing area on the cill. The bearing surface may be machine faced.

7. The vertical end beams to project about 6" below the bottom of the skin plate. To give a bearing on the sloping cill, this vertical girder may be also shaped to the required slope.

8. Extra strong materials should be used for the beams and also the paths so as not to take any depressions.

9. Self-adjusting staunching bars of steel to be provided at each side of the gate. The side of the staunching bar and the corresponding surface on the groove may be provided with bell metal lining.

10. The skin plate may be made to extend beyond the vent on either side so that the leak if any may be diverted towards the groove and allow of the gate being examined from the rear side and the staunchion bar adjusted to stop the leak.

11. The spouts on the top cross girder to carry the leakage water should be placed nearer to the centre.

12. The staunching at the cill and lintel should be so arranged that the machined surfaces are in contact and that there is no need of inserting any perishable material.

13. The gate to bear against frames of free rollers working on the "Stoney" principles.

14. The free rollers and their frames to be of steel and provided with the necessary suspension pulleys and ropes. The lower rollers of each frame to be fitted with the Ransome and Rapier's patent anti-vibration device. The roller suspension ropes to be of extra flexible quality steel and the suspension pulleys to be of cast iron. The side bars of the roller frames to be of substantial construction.

15. The sluice frames to consist of cast iron grooves, cill and lintel pieces. The grooves to be complete castings to be suitably arranged for building into the masonry.

16. The down stream of the groove castings to be 40 feet high from cill and to carry self adjusting steel pathways for the rollers and also shield plates for protecting the rollers against the rush of water when the gate is lifted. The shield plates attached to the grooves to be set back and should be 20 feet high.

17. The necessary joint bolts for connecting together the sections of the groove castings and for attaching the cill and lintel to the grooves to be provided.

18. Each gate to be suspended and operated by means of a double part steel wire rope winding in two parts on to a grooved cast iron barrel carried in the operating crab at the top of the dam. The level of the operating platform with reference to the cill of gate is 70' or 80'. Extra winding of the rope over the drum to allow for a rising of the operating platform may be provided.

19. The steel wire ropes to be of extra flexible quality and to have a factor of safety of not less than 7 to 1.

20. The gear to consist of spur reductions, the pinions and barrel wheel being of steel and the other gears of cast iron.

21. All gears to be machine cut.

22. An automatic brake to be provided in the crab so that the gate may be held suspended in any desired position. Also it is desirable to have additional arrangements to support the gates in any desirable position to reduce the strain on the automatic brakes or for use when the latter might get out of order.

23. Each sluice is to be provided with an electrically operated fixed crab.

24. The electrical equipment to be suitable for A.C. 220 volts. three-phase, 25 cycles.

25. The motor for the operating crab to be of at least 3 BHP running at about 600 R.P.M.

26. A solenoid electric brake for the motor to be provided. The current to be taken to the apparatus on the crab by means of an insulated cable attached to the overhead wires.

27. Auxiliary hand gear for operation by two men to be provided.

28. The estimated speeds of operation to be as follows:—

Electric operation by 3 BHP motor 2' 0" per minute Hand Operation by two men assuming that handles are rotated at 25 R.P.M. 2½" p.m.

29. A ladder to be provided in the sluice pit for access to the gate, etc.

30. A steel chequer plate cover, with the necessary supports to be provided over the sluice pit.

31. The materials and workmanship to be of the best of their respective kinds, the materials being to British Standard specifications, makers' Test Certificates to be submitted.

32. All shafts to be of steel and to run in gun metal bushed bearings.

33. All bearings to be fitted with ample means of lubrication.

34. The sections provided for all structural work to be such as to provide ample factors of safety. Calculations for important portions to be furnished.

35. The parts to be assembled at the Makers' works in sufficient detail to ensure proper fitting and correct working of the sluice, and afterwards to be clearly marked to facilitate re-erection at site.

36. All black metal work to receive two coats of paint of an approved colour before despatch and all bright parts to be protected against rust.

37. The parts to be protected where necessary.

As the gates are intended to be fixed in a dam for storing water for the supply of water to the City and Civil and Military Station, Bangalore, water tightness of these gates is very important. If the manufacturing firm offer alternative proposals in respect of any of the details above specified which are an improvement on the specifications, they will be duly considered.

No. S. P. C. 8443-58, dated 23rd October 1933.

To

The firms dealing in Hardware Materials.

ENQUIRY No. 596.

Subject:—

DEAR SIR/GENTLEMEN,

Barbed Wire.

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellation of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

This enquiry will be closed on the 30th October 1933.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted F. O. R.	Time of delivery
1	Barbed Wire required for fencing. Each roll should be of 1050 feet and should weigh about 105 lbs.	7 rolls	Kadur	

N.B.—The name of the manufacturer must be specified.

Yours faithfully,
M. S. RAMOHENDRA RAO,
Secretary,
Stores Purchase Committee.